

Title (en)
METHOD FOR CONSTRUCTING MAGNETIC MARKER

Title (de)
VERFAHREN ZUR KONSTRUKTION EINES MAGNETISCHEN MARKERS

Title (fr)
PROCÉDÉ DE CONSTRUCTION D'UN MARQUEUR MAGNÉTIQUE

Publication
EP 3805992 B1 20240228 (EN)

Application
EP 19819831 A 20190521

Priority
• JP 2018111406 A 20180611
• JP 2019020184 W 20190521

Abstract (en)
[origin: EP3805992A1] To install, in or on a road surface (30S) of a road, a magnetic marker (1) having retained in its outer perimeter an RFID tag (2) including an antenna for wireless communication, an arrangement step of accommodating the magnetic marker (1) in an accommodation hole (31) provided to be bored in the road surface (30S) and a formation step of providing the magnetic marker (1) with a protecting part (40) for isolating the antenna from water are performed. With these steps, even if the periphery of the magnetic marker (1) is submerged in water after installation, high communication performance of the RFID tag (2) can be kept.

IPC 8 full level
E01F 11/00 (2006.01); **G06K 19/077** (2006.01); **G08G 1/042** (2006.01)

CPC (source: EP US)
E01F 9/30 (2016.02 - EP); **E01F 11/00** (2013.01 - EP US); **G08G 1/042** (2013.01 - EP US)

Designated contracting state (EPC)
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